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PATENT

EXL

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In the United States Patent and Trademark Office

Patent Application of:

Inventors: Mark E. TUTTLE et al.

Serial No.: 08/137,677

Filing Date: 10/14/93

Title: Method of Manufacturing an Enclosed Transceiver

Examiner: Rivard, P.

Group Art Unit: 1304

Attorney docket no.: 91-579.2

Commissioner of Patents and Trademarks
Washington, D.C. 20231

June 7, 1995

AMENDMENT

Sir:

In response to the Examiner's Action mailed January 17, 1995, please amend the above-identified patent application as follows:

In the Specification

Page 29, line 10, after "evaporation", delete the comma.

Page 30, line 25, change "216" to --218--.

In the Claims

Please cancel claims 1-24.

Please insert the following new claims 25-48:

- 1 25. A radio frequency identification (RFID) transceiver, comprising
- 2 a) first and second covers, at least one of the two covers being composed of a sheet of
- 3 dielectric film having a layer of an electrically conductive barrier material which is impervious to water
- 4 vapor; and
- 5 b) an RFID transceiver circuit and a battery mounted between the two covers;
- 6 c) wherein the transceiver circuit includes antenna coupling circuitry for capacitively
- 7 coupling the transceiver to the barrier material through the dielectric film so that the barrier material
- 8 functions as an antenna for the transceiver;
- 9 d) whereby the barrier material simultaneously protects the battery from contamination
- 10 and functions as an antenna.

GROUP 130

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CERTIFICATE OF MAILING: I certify that this correspondence is being deposited with the U.S. Postal Service, with sufficient postage as first class mail, addressed to the Commissioner of Patents & Trademarks, Washington, DC 20231, on the date of my signature below.

Robert J. Stern

6-7-95

Date

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